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## THE CLAIMS

This listing of claims will replace all prior versions, and listings, of the claims in this application.

### Listing of Claims

1. (Previously Presented) An electrochemical cell comprising a plurality of samples of material for testing electrocatalytic behaviour of a plurality of materials, said cell comprising:

a first electrode;  
a counter-electrode bearing an electrochromic material whose reflection, refraction or absorption of electromagnetic energy changes in a manner proportional to the total charge passed through it; and

an electrolyte between and in electrical contact with the first electrode and the counter-electrode;

wherein said first electrode and said electrolyte comprise a plurality of regions, each region comprising a sample of material to be tested, the regions being electrically connected to a common terminal, and

wherein the sample of material to be tested is an electrocatalyst, and the electrolyte contains the material whose reaction is to be catalysed by said electrocatalyst.

2-4. (Canceled)

5. (Previously Presented) An electrochemical cell according to Claim 1 in which the electrochromic material is tungsten oxide.

6. (Previously Presented) An electrochemical cell according to Claim 1 in which a reference electrode is contacted with the electrolyte for potential measurement and control.